

===== WPI =====

- TI - Coated electric wire prodn. with good heat, oil and chemical resistances - by coating wire with compsn. contg. fluoro-resin, ethylene]-ethyl]: acrylate] copolymer and crosslinking agent etc.
- AB - J04329213 Coated electric wire is produced by: (1) applying a resin compsn. contg. 100 pts.wt. of fluorine resin mixt. consisting of 39 - 10 wt.% of tetrafluoroethylene-propylene series copolymer and 61 - 90 wt.% of polyvinylidene fluoride, 5 - 100 pts.wt. of ethylene-ethylacrylate copolymer or ethylene-vinylacetate copolymer and at least 0.5 pts.wt. of crosslinking agent onto surface of an electric wire; and (2) irradiating with ionisation ray.
- The tetrafluoroethylene-propylene series copolymer contains 95 - 30 mol.% of tetrafluoroethylene and 5 - 70 mol.% of propylene, opt. additional monomer such as ethylene, butene-1, isobutene, acrylic acid, acrylate, vinylidene fluoride or hexafluoropropylene, etc..
- USE/ADVANTAGE - The coated electric wire shows excellent heat resistance, oil resistance, chemical resistance, electric insulation and flexibility. The coating layer contains no foams or blisters which is often seen after extrusion working. (Dwg.0/0)
- PN - JP4329213 A 921118 DW9301 H01B7/02 004pp
- PR - JP910098713 910430
- PA - (HITD) HITACHI CABLE LTD
- MC - A04-E10 A04-F06E A04-G08A A07-A02B A08-C01 A11-B05 A11-C02B A11-C02C A12-E02A A12-E02B G02-A05A L03-A L03-A01B3
- X12-D03D X12-E02B
- DC - A18 A82 A85 G02 L03 X12
- IC - C09D123/08 ;C09D127/16 ;C09D127/18 ;C09D131/04 ;H01B7/02
- AN - 93-002963 [01]

===== PAJ =====

- TI - FLUORINE-CONTAINING ELASTIC-MATERIAL COATED ELECTRIC WIRE
- AB - PURPOSE: To provide a fluorine-containing elastic-material coated electric wire of which a coating material is improved and which is therefore subjected to no foaming or no production of any grain when extrusion-worked, thus exhibiting a good surface appearance and a superior toughness.
- CONSTITUTION: A coating layer is formed by a composition wherein 5 to 100 weight part of ethylene-acrylic acid ethyl copolymer or ethylene-vinylacetate copolymer and 0.5 weight part or more of crosslinking agent are added to 100 weight part of a mixture of a tetrafluoroethylene-propylene based copolymer and polyvinylidene fluoride in the weight ratio of (I) 39/61 to 10/90. Radiation rays are irradiated onto this coating layer. The above-identified electric wire which is subjected to no foaming in being machined and is superior in toughness is obtained. Use of this electric wire provides an advantage that the operating efficiency and economy are enhanced.
- PN - JP4329213 - 921118
- PD - 92-11-18
- ABD - 930402
- ABV - 017173
- AP - JP910098713 910430
- GR - E1345
- PA - HITACHI CABLE LTD
- IN - NAKABASHI MASANOBU; others: 01
- I - H01B7/02; C09D123/08; C09D127/16; C09D127/18; C09D131/04; C09D133/08; H01B3/44; H01B7/18
- SI - C08L23/08; H01B7/34

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